

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 09/862,727

circuited with the hub, and the magnetic poles on the other end face serving as rotor magnetic poles, and

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contd

a stator having a plurality of magnetic pole teeth having on an end thereof a plurality of stator magnetic poles that can face the rotor magnetic poles at the same pole intervals via an axial gap and extending radially outward from the stator magnetic poles; the magnetic pole teeth connected at the other end to each other by a soft magnetic yoke and having coils wound on intermediate portions thereof;

the ratio of generator thickness/diagonal length of generator end face being not more than 6 %.

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3. (Amended) A thin type permanent magnet generator as set forth in Claim 2, wherein an end of each of the stator magnetic poles on the side facing the rotor magnetic poles protrudes not less than 0.3 mm radially inward to central opening of the permanent magnet.

20. (Amended) A diskette incorporating a thin type permanent magnet generator comprising

a diskette case of a floppy magnetic disc shape,

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a disc-shaped rotor having a soft magnetic disc-shaped hub provided inside the diskette and caused to rotate around a rotational axis by an external drive mechanism, and a flat ring-shaped permanent magnet concentrically fitted to an end face of the hub; the permanent magnet being axially magnetized so as to have a plurality of magnetic poles of alternately different polarities in the circumferential direction on each end face thereof; and the magnetic poles on an

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end face of the permanent magnet being magnetically short-circuited by the hub, and the magnetic poles on the other end face serving as rotor magnetic poles, and

a stator fitted to the diskette case having a plurality of magnetic pole teeth having on an end each of a plurality of stator magnetic poles that can face the rotor magnetic poles at the same pole intervals via an axial gap and extending radially outward from the stator magnetic poles; the magnetic pole teeth being connected at the other end to each other by a soft magnetic yoke and having coils wound on intermediate portions thereof; the ratio of generator thickness/diagonal length on the end face of the generator is not more than 6 %.